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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to:  
Attention: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 7/13/06

Signature: [Signature]

(David J. Rowsner)

Docket No.: 102314-0159  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Letters Patent of:  
Alexander Johnson et al.

Patent No.: 7,020,532

Issued: March 28, 2006

For: METHODS AND APPARATUS FOR  
CONTROL USING CONTROL DEVICES  
THAT PROVIDE A VIRTUAL MACHINE  
ENVIRONMENT AND THAT  
COMMUNICATE VIA AN IP NETWORK



**Certificate**

JUL 19 2006

**of Correction**

**REQUEST FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 CFR 1.322**

Attention: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

In the Claims:

In Claim 12, Line 23, following "function of one", please insert --or--.

In Claim 12, Line 28, following "control", please delete "device" and insert--devices--.

In Claim 15, Line 39, preceding "by one", please delete "request" and insert --requests--.

In Claim 18, Line 52, following "bulletin board", please delete "for".

The errors were not in the application as filed by applicant; accordingly no fee is required.

JUL 20 2006

Transmitted herewith is a proposed Certificate of Correction effecting such amendment.  
Patentee respectfully solicits the granting of the requested Certificate of Correction.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 102314-0159.

Dated: 7/13/06

Respectfully submitted,

By 

David J. Powsner

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,020,532  
APPLICATION NO. : 10/756,187  
ISSUE DATE : March 28, 2006  
INVENTOR(S) : Alexander Johnson, Paul C. Badavas, T. E. Christiansen, Peter D. Hansen,  
Thomas B. Kinney, Seyamak Keyghobad, Bo Ling, and Richard L. Thibault

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Claim 12, Line 23, following "function of one", please insert --or--.  
In Claim 12, Line 28, following "control", please delete "device" and insert--devices--.  
In Claim 15, Line 39, preceding "by one", please delete "request" and insert --requests--.  
In Claim 18, Line 52, following "bulletin board", please delete "for".

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Dated: 7/13/06

Signature: [Signature] (David J. Powsner)

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